

Preparing For Mock Exams Summer 2023





High quality teaching and home support

Revision Teams

Knowledge organisers

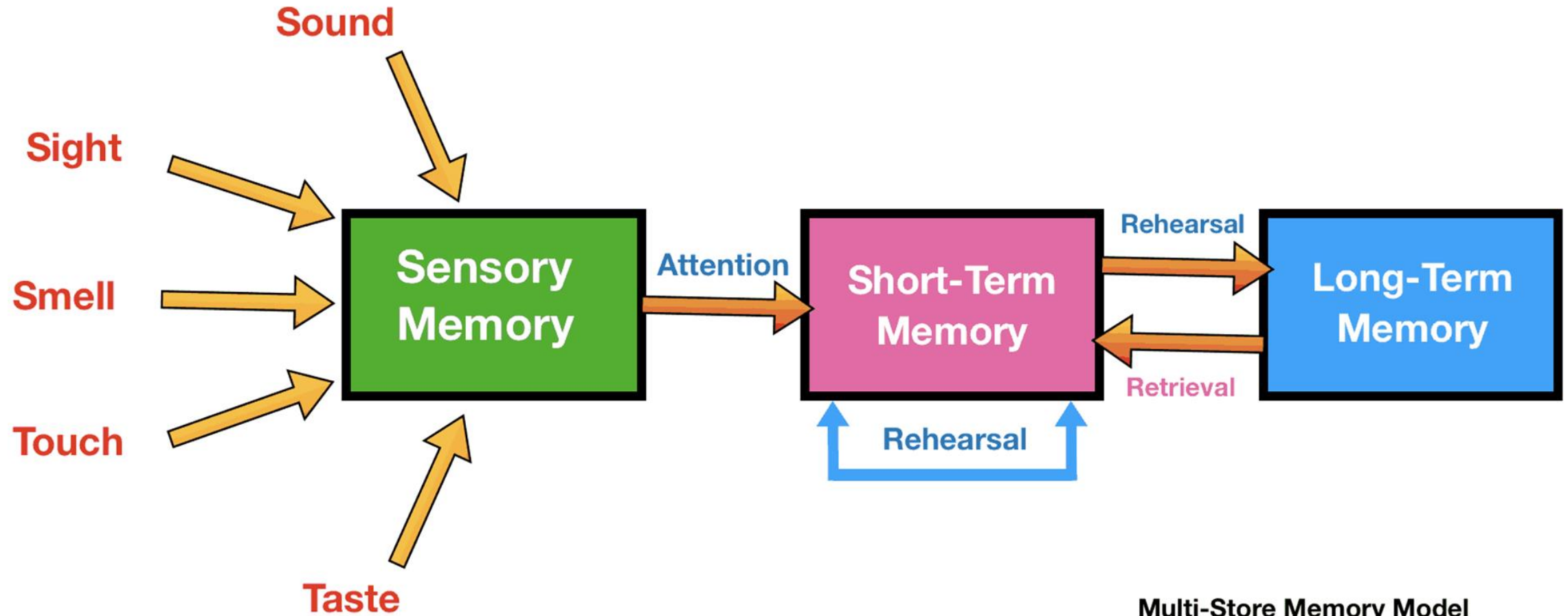
Revision Resources

Group review of missed days

Intervention classes

What; where; how





Multi-Store Memory Model
Atkinson & Shiffrin (1968)

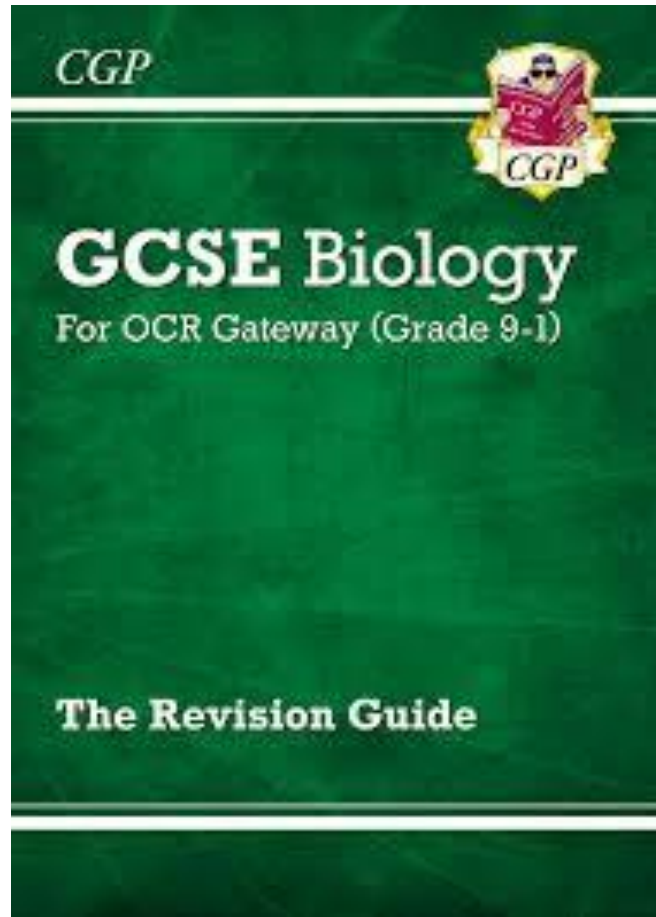


This Evening:

To do well , you need to get to the end – it's ok and normal to feel anxious!

What does it look like in core subjects?

Tips and Advice







Managing Exam Anxiety

A brief guide of how to get through in one piece

What is Anxiety?



- Fear/unease/worry
- We have anxiety mostly about things we feel we cannot control
- Anxiety has a purpose - it is natural to experience it. It's normal to have anxiety before an exam. Anxiety is an important part of life. We're not going to get rid of anxiety, but we can learn manage it
- When we become anxious our body produces adrenaline and cortisol. These shut down other bodily functions to re-direct the energy to the muscles of the brain.
- Anxiety can lead to a physical response e.g., tummy ache and cramps, constipation/diarrhoea, feeling sick, dry mouth, sweaty, increased heart rate.
- But happy chemicals like endorphins and dopamine improve our memory and performance.
- Smile before we go in and eat a little bit of something sugary stimulating the opposite to the autonomic system

Key points about Anxiety

The more we challenge ourselves, the better our ability to manage anxiety

As adults we have a large part to play in minimising students' anxiety. We must set a positive, calm example.

Increased catastrophising increases anxiety.

We can all provide students with techniques to manage anxiety.

What we can do

- Acknowledge the anxiety and listen to the student's concerns, give them a chance to talk about it. They are learning to become adults.
- Use positive language and motivation – it's an exciting time with the opportunity to show and prove everything you know and your knowledge. Keep calm and avoid catastrophising
- Boost their self-esteem
- Discuss all post exam options –. Keep things in perspective.
- Give positive support – let your children know they are loved whatever the outcome – tell them, don't assume they know.
- Think about the messages you are sending; be positive, avoid comparisons with siblings, dilute pressure, be supportive.
- Encourage healthy life balances – students must work and must do some exercise, see their friends/social activities
- Wide range of revision styles and tips. Discuss revision with them and offer help.
- Keep several copies of their exam timetable in case they lose theirs. Put one on the fridge.
- Feed them. On exam day make sure they wake up on time and provide breakfast
- Get them to rest/go to bed in good time
- Keep interruptions to a minimum

Strategies

Practice these so they become the norm:

- **Breathing techniques:** Box breathing
- <https://www.youtube.com/watch?v=tEmt1Znux58>
- **Happy places:** Imagine a comfortable, happy space e.g., sun drenched beach, watching a favourite film, going on a long walk, eating cake. When you feel overwhelmed take yourself to that place.
- **Post It Note Parade:** Write down your worries on a note and put those in a jar
- <https://www.youtube.com/watch?v=DwhB1gFRrK>
!
- **Seven tips to Managing Exam Anxiety**
- <https://www.youtube.com/watch?v=FyBdA61GmJ0>

How to revise for English



A printed resource

- All students have been given a booklet packed with past papers, quotation banks, plot summaries for them to use over the coming weeks and beyond.
- Homework is revision. Every week students need to show evidence of their revision by posting it on Teams. This can take different forms.
- The Y10 revision team is another amazing resource I will be talking through this evening.

Language

‘You can’t really revise for Language’



‘You can just wing Language’



‘There’s nothing really at home I can be doing to prepare for the Language papers’.



Ok...how can I revise for Language then?

1. Know the requirements of each question.

There are 5 questions in each paper: 4 reading, 1 writing.

In order to give yourself the best chance of being successful, it is important you know the requirements of each question/you are aware of the mark scheme.

Language is very methodical and you can be quite formulaic – there are no surprises! Let me give you an example.

Language 2, Question 2.

0 2

You need to refer to **Source A** and **Source B** for this question.

Both writers are accompanied by another person on their adventure: Simon in Source A, and Marius in Source B.

Use details from both sources to write a summary of what you understand about the differences between the two companions, Simon and Marius.

[8 marks]

Level	Skills Descriptors
<p>Level 4 Perceptive, detailed summary</p> <p>7–8 marks</p>	<p>Shows perceptive or detailed synthesis and interpretation of both texts:</p> <ul style="list-style-type: none"> • makes perceptive inferences from both texts • selects judicious references/use of textual detail relevant to the focus of the question • statements show perceptive differences between texts.

You are expected to do more than summarise here.

The mark scheme asks students to make inferences. This means they are able to say what the evidence suggests to them. We have provided students with easy to learn recipes and sentence stems:

Point

Quotation

Inference

Where can I find this information?

English > Language Paper 1

Name	Modified	Modified By
AQA-87001-INS-NOV18.PDF	May 20, 2022	Sadie Sharman
Descriptive writing challenges.pptx	October 10, 2022	Sadie Sharman
Lang 1 Q3 and Q4 .pptx	October 9, 2022	Sadie Sharman
lang 1 walkthrough .pptx	October 9, 2022	Sadie Sharman
Lang Paper 1 Q5 Checklist.docx	May 20, 2022	Sadie Sharman
Language 1 Walkthrough .pptx	May 20, 2022	Sadie Sharman
Language Paper 1 Practice Booklet.pdf	May 20, 2022	Sadie Sharman
Language Paper 1 student guide .docx	May 20, 2022	Sadie Sharman
Year-11-Language-paper-1		

English > Language Paper 2

Name	Modified	Modified By
Past Papers	January 9	Sadie Sharman
Lang 2 Revision guide (Section A).docx	A few seconds ago	Sadie Sharman

Files – Language Paper 1 – Language Paper 1 student guide

Files – Language Paper 2 – Lang 2 Revision guide (Section A)

Ok...how can I revise for Language then?

2. Spend time considering the creative writing questions







Lang 1: write a description or a story

Lang 2: write a piece of viewpoint writing.

Creative Writing

- Write skeleton plans so you have experience in knowing where your creative piece is heading.
- Take advantages of the structures you have been provided with in lessons (ideas on Teams)
- Know the mark scheme: 'how to score highly'. The mark scheme is divided into two sections: content and organisation and technical accuracy.


English > Language Paper 2

 Name ▾	Modified ▾	Modified By ▾	+ Add column
 Past Papers	January 9	Sadie Sharman	
  Article structure example.docx  ...	A few seconds ago	Sadie Sharman	
 Lang 2 Revision guide (Section A).docx	10 minutes ago	Sadie Sharman	


+ New ▾

 Upload ▾

 Edit in grid view











 Share

 Copy link

 Sync

 Download

English > Language Paper 1

 Name ▾	Modified ▾	Modified By ▾	+ Ad
  Description structure	7 minutes ago	Sadie Sharman	
   Story structure   ...	8 minutes ago	Sadie Sharman	
 AQA-87001-INS-NOV18.PDF	May 20, 2022	Sadie Sharman	
 Descriptive writing challenges.pptx	October 10, 2022	Sadie Sharman	


Structure resources

Ok...how can I revise for Language then?

3. Complete practice papers






Now you've got the knowledge you need, you need to apply it!

Teachers are more than happy to mark any responses students might complete in their revision time.

 **English** [Posts](#) [Files](#) [Notes](#) [+](#)

[+ New](#) [↑ Upload](#) [Edit in grid view](#) [Share](#) [Copy link](#) [Sync](#) [Download](#)

[English](#) > **Past Papers, Practice Questions, Mark Scheme**

	Name	Modified	Modified By	+ Add columns
	Language Paper 1	6 days ago	Sadie Sharman	
	Language Paper 2	May 25, 2022	Aidan Ward	
	Literature	May 25, 2022	Aidan Ward	
	Model Answers	May 25, 2022	Aidan Ward	

Ok...how can I revise for Language then?

To conclude...

Have a game plan!

Take advantage of the lack of 'unknowns'



Literature

The Literature Papers require students to have a deep understanding of and learn quotations from the following texts:

- Poetry Anthology (Conflict)
- Jekyll and Hyde
- Romeo and Juliet

Poetry: CONFLICT

Students will be asked to write about a poem from memory.

Write about another poem from your anthology that explores lives transformed by conflict.



TIP: Learn 3 poems.

Quotations from the beginning, middle and end of each poem. Learn 'divable' quotations.

Make sure you are able to discuss the use of **poetic techniques**.

POEM 1	POEM 2	POEM 3
What is the plot of this poem? <input type="text"/>	What is the plot of this poem? <input type="text"/>	What is the plot of this poem? <input type="text"/>
What type of conflict does this poem explore? <input type="text"/>	What type of conflict does this poem explore? <input type="text"/>	What type of conflict does this poem explore? <input type="text"/>
5 quotations from this poem you will commit to learning <input type="text"/>	5 quotations from this poem you will commit to learning <input type="text"/>	5 quotations from this poem you will commit to learning <input type="text"/>
Your analysis of the quotation. This might include word analysis, analysis of a language technique, or analysis of structure. <input type="text"/>	Your analysis of the quotation. This might include word analysis, analysis of a language technique, or analysis of structure. <input type="text"/>	Your analysis of the quotation. This might include word analysis, analysis of a language technique, or analysis of structure. <input type="text"/>

Plot work

- Create a timeline of key plot points.
- Then, make one using only symbols to represent each key moment.
- Cover it up and try to recreate from memory.
- TOP TIP: You can use the symbols to help remember key quotes as well – try to pair these up with your flashcards!

Mr Utterson learns
that Hyde
'trampled calmly'
on a young girl

Mr Utterson
seeks out Mr
Hyde.

Dr Jekyll is having a dinner party and
Utterson approaches him about the
will

DR JEKYLL AND MR HYDE- Plot summary.

Chapter 1: The Story of the Door



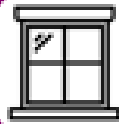
Chapter 2: The Search for Mr Hyde



Chapter 5: Incident of the
Letter



Chapter 6: Remarkable
Incident of Dr Lanyon



Chapter 4: The Murder of Sir
Danvers Carew



Chapter 3: Dr Jekyll Was
Quite At Ease

Chapter 7: The Incident
at the Window



Chapter 8: The Last Night

Chapter 9: Dr Lanyon's
Narrative

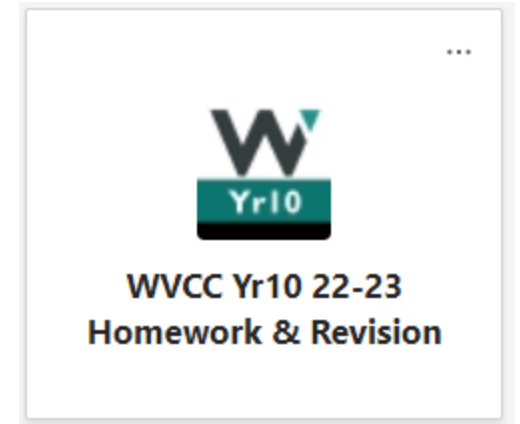
Chapter 10: Dr Jekyll's
Full Statement of the
Case

Turn and Talk:
Can you narrate the
events of the
novella?

Apply, Apply, Apply

- Most Literature essay questions will be on a character or theme.
- They will loosely follow this structure: ***How does [insert writer's name here] present [insert character/theme here] in the text?***
- You can generate essay titles using this skeleton. For example:
 - How does Shakespeare present love in 'Romeo and Juliet'?
 - How does Stevenson present duality in 'Jekyll and Hyde'?
 - How does [poet] present internal conflict in _____?
- ***Remember,** some questions will give you an extract/text to use. For extract-based questions, you can choose any page in the text at random and base a question on this, or ask your teacher for a suggested section.

Year 10 Maths Revision



- The pre-test revision tasks and revision schedule
- The Revision Team and linked resources
- A typical revision session

Maths Exam Dates

Paper 1 (non-calc) - 6th June - Afternoon

Paper 2 (Calculator) – 19th June - Afternoon

Equipment

Clear pencil case

Casio fx-85gt Scientific Calculator

Black Pen x 2

Pencil

Ruler

Rubber

Compass

Protractor

Year 10 End of Year Exam

1) Complete the pre-test revision tasks set on your class team

A maths drop-in session will now run on a Wednesday on the top floor of the tower block from 3.10-4.10pm.

Please come with....

- 1) A topic with which you've been struggling to understand
- 2) Your pre-test homework tasks
- 3) Practice paper questions you are struggling to answer
- 4) Any other maths revision we can help you with

→ Access further mock papers at www.mathsgenie.co.uk with video solutions

- 1) A topic with which you've been struggling to understand
- 2) Your pre-test homework tasks
- 3) Practice paper questions you are struggling to answer
- 4) Any other maths revision we can help you with

Kind Regards,
The Maths Dept.

[See less](#)

← Reply

< All teams

WM

WVCC 22-23 10x/ma4 Ma (5 1) ...

Home page

Class Notebook

Assignments

Grades

Reflect

Insights

Channels

General

Homework: Revision Task for End of Year Maths Assessment

Due 4 June 2023 18:00 • Closes 5 June 2023 08:00

Instructions

Pre-Test Revision Task





Mastery: Complete either the higher or foundation task attached. Your teacher will instruct you about which one you need to complete.

- Complete the relevant attached Pre-Test Revision Task to help you prepare for your Paper 1 end of year assessment
- Use the attached answers to check your work as you complete each question
- Upload evidence (photographs) of your task into this assignment
- If there are any questions that you do not understand your teacher can go through these with you in class

Extension:

- Use the relevant attached revision list to prepare for your End of Year assessment
- You can use the links to Hegarty Maths videos on the document to help you
- Please use the correct revision list foundation or higher

Reference materials

-  Year 10 Higher EOY Pre-test homework 1.docx ...
-  Year 10 Foundation EOY Pre-test homework 1.docx ...
-  10 EOY Higher Revision List.docx ...
-  10 EOY Foundation Revision List.docx ...

Student work

None

EOY Pre-test Homework Higher 1

Questions

Q1.

Kiera used her calculator to work out the value of a number x .
She wrote down the first two digits of the answer on her calculator.

She wrote down 7.3

Write down the error interval for x .

Q1.

Question	Working	Answer	Mark	Notes
		$7.3 \leq x < 7.4$	B2 (B1)	cao (for 7.3 and 7.4)

Q2.

Question	Working	Answer	Mark	Notes
13		$(x+3)^2 - 16$	M1 A1	for $(x+3)^2$ or $(x^2+6x+7)x^2+2ax+a^2+b$ cao

Q3.

Question	Answer	Mark	Mark scheme	Additional guidance
(a)	$10x^2 - 11x - 6$	M1 A1	for 3 out of no more than 4 terms correct with correct signs or 4 correct terms ignoring signs cao	$10x^2 - 15x + 4x - 6$ NB: $10x^2 - 11x$ and $-11x - 6$ are indicative of 3 correct terms.
(b)	$(x+1)(x+3)$	M1	for $(x+1)(x+3)$ or for $(x+a)(x+b)$ where either $ab=3$ or $a+b=4$	

(Total for question = 2)

Q2.

Write $x^2 + 6x - 7$ in the form $(x+a)^2 + b$ where a and b are integers.

Year 10 June 2022 Mock Exam – Higher Revision List

Number Topic	Hegarty Clip	P1/P2
Fraction arithmetic without a calculator (including mixed numbers)	66/68/70	P1
Sharing in a ratio	332	P2
Finding fractions of an amount	77	P2
Using upper and lower bounds in calculations	139	P1
Manipulate surd expressions (multiplying brackets)	117	P1
Express a number as a product of primes	29/30	P1
Decimal arithmetic without a calculator	47/48/50	P1
Calculating with standard form	125/126	P1/P2
Reverse percentages	96	P1
Evaluating using index laws (including fractional and negative)	104/105/107 /108/109	P1/P2
Estimating values for calculations	131	P1
Using compound measure (calculating speed)	723/738	P2
Calculating compound interest	94	P2
Converting recurring decimals to fractions	53/54	P2

Data Topic	Hegarty Clip	P1/P2
Scatter graphs	453/454	P1
Manipulating problems when calculating mean	407	P1
Using and creating tree diagrams	361/362	P1/P2
Calculating probabilities (mutually exclusive events)	354	P2

Algebra Topic	Hegarty Clip	P1/P2
Solve quadratics by factorising	223/230	P1
Solve quadratics by completing the square	238/239	P1
Solve quadratics by using the formula.	241/242	P2
Finding equations of Linear graphs – including parallel and perpendicular gradients	214/216	P1
Expanding 2 and 3 brackets	162/	P1
Algebraic proof	325/326	P1
Solving linear equations (involving fractions)	180	P2
Finding the nth term of a quadratic sequence	248	P2

Shape and Space Topic	Hegarty Clip	P1/P2
Pythagoras theorem	498/499	P1
Right angled trigonometry	509-512	P2
Volume of prisms	570-571	P2
Similar shapes – finding lengths	609	P2
Similar shapes – effect of enlargement on area and volume	615	P2
Plans and elevations of shapes	837	P2
Transformations	637/639/648	P2
Areas and arc lengths of sectors	544/546	P2

GCSE Revision

🔍 Search for topics...

Grade 1

Videos	Exam Questions	Exam Questions Booklet	Solutions
Addition and Subtraction	Exam Questions	Addition and Subtraction	Solutions
Multiplication and Division	Exam Questions	Multiplication and Division	Solutions
Time	Exam Questions	Time	Solutions
Writing, Simplifying and Ordering Fractions	Exam Questions	Writing, Simplifying and Ordering Fractions	Solutions
Place Value	Exam Questions	Place Value	Solutions
Rounding	Exam Questions	Rounding	Solutions
Negative Numbers	Exam Questions	Negative Numbers	Solutions
Powers and Roots	Exam Questions	Powers and Roots	Solutions
BIDMAS	Exam Questions	The Order of Operations	Solutions
Factors and Multiples	Exam Questions	Factors, Multiples and Primes	Solutions

Year 10 End of Year Exam

Revision Resources

General

To revise for your EOY maths exam please follow the following steps


- 1) Complete the pre-test revision tasks set on your class team
- 2) Use the revision list to identify topics in which you need further practice
 - a) Use the links to Hegarty Maths tasks or,
 - b) access further videos and practice at www.mathsgenie.co.uk/gcse
- 3) Access self-marking mock papers at www.onmaths.co.uk
- 4) Access further mock papers at www.mathsgenie.co.uk with video solutions

A maths drop-in session will now run on a Wednesday on the top floor of the tower block from 3.10-4.10pm.
Please come with....

- 1) A topic with which you've been struggling to understand
- 2) Your pre-test homework tasks
- 3) Practice paper questions you are struggling to answer
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Kind Regards,
The Maths Dept.

[See less](#)

 Reply

Edexcel GCSE Prediction

Mathematics

Paper 3

Foundation Tier

June 2022

1MA1-3F

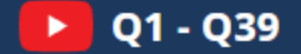
Information

- This is a predicted paper, based on statistics on previous exams.
- There are no guarantees on the 'closeness' of this paper.
- This site, and all that work on it, have no affiliation or relationship with any exam board.
- This site is not endorsed by any company or charity, unless we state otherwise.

Advice

- Click 'Mark' to mark your answer, once a question is marked, it cannot be edited.
- The questions must be done in order, from Q1 onwards.
- Each question will change subtly every time you take this test.
- Your mark for the paper will only save if you are logged in AND you fully complete the paper.

Start Paper



Below there are four cards with numbers written on them.



Using the digits from the cards, write the smallest odd number.

(1)

Mark

Edexcel Exam Papers

OCR Exam Papers

AQA Exam Papers

Edexcel GCSE Exam Papers

Pearson is not responsible for the accuracy or method of working in the answers given.

Grade Boundaries

Foundation GCSE Exam Papers

Paper	Answers
November 2021 Paper 1	MS Ans ▶
November 2021 Paper 2	MS Ans ▶
November 2021 Paper 3	MS Ans ▶
2020 Paper 1	MS Ans ▶
2020 Paper 2	MS Ans ▶
2020 Paper 3	MS Ans ▶
November 2019 Paper 1	MS Ans ▶

The revision process

Key message:
You learn maths by doing maths

Find out what is in the
assessment

Year 10 June 2022 Mock Exam – Higher Revision List

Number Topic	Hegarty Clip	P1/P2
Fraction arithmetic without a calculator (including mixed numbers)	66/68/70	P1
Sharing in a ratio	332	P2
Finding fractions of an amount	77	P2
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Manipulate surd expressions (multiplying brackets)	117	P1
Express a number as a product of primes	29/30	P1
Decimal arithmetic without a calculator	47/48/50	P1
Calculating with standard form	125/126	P1/P2
Reverse percentages	96	P1
Evaluating using index laws (including fractional and negative)	104/105/107 /108/109	P1/P2
Estimating values for calculations	131	P1
Using compound measure (calculating speed)	723/738	P2
Calculating compound interest	94	P2
Converting recurring decimals to fractions	53/54	P2

Let's have a go

Key message:
You learn maths by doing maths

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Find out what is in the assessment

What you can remember about these topics?

The Revision Process

Key message:
You learn maths by doing maths

Year 10 June 2022 Mock Exam – Higher Revision List

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Calculating compound interest	94	P2
Converting recurring decimals to fractions	53/54	P2

Find out what is in the assessment

What you can remember about these topics?

Check your knowledge by answering the questions

The Revision Process

Key message:
You learn maths by doing maths

Year 10 June 2022 Mock Exam – Higher Revision List

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Using compound measure (calculating speed)	723/738	P2
Calculating compound interest	94	P2
Converting recurring decimals to fractions	53/54	P2

Find out what is in the assessment

What you can remember about these topics?

Check your knowledge
using Hegarty Maths

Get help by
watching videos on Maths
Genie

The Revision Process

Key message:

You learn maths by doing maths

GCSE Revision

Search for topics...

Grade 1

Videos	Exam Questions	Exam Questions Booklet	Solutions
Addition and Subtraction	Exam Questions	Addition and Subtraction	Solutions
Multiplication and Division	Exam Questions	Multiplication and Division	Solutions
Time	Exam Questions	Time	Solutions
Writing, Simplifying and Ordering Fractions	Exam Questions	Writing, Simplifying and Ordering Fractions	Solutions
Place Value	Exam Questions	Place Value	Solutions
Rounding	Exam Questions	Rounding	Solutions
Negative Numbers	Exam Questions	Negative Numbers	Solutions
Powers and Roots	Exam Questions	Powers and Roots	Solutions
BIDMAS	Exam Questions	The Order of Operations	Solutions
Factors and Multiples	Exam Questions	Factors, Multiples and Primes	Solutions

Find out what is in the assessment

What you can remember about these topics?

Check your knowledge using Hegarty Maths

Get help by watching videos on Hegarty Or Corbett Maths

Check your understanding by doing more questions

Year 10 maths revision

- When the exams are taking place
- What equipment students need
- Aware of other revision resources accessed from Teams
- A summary of this information is on the post on MS Teams

Year 10 – Science information



- What's on the exam?
- Required practicals
- How to revise science
- Where to find information



What's on the 3 exams?

Biology

Paper 1 (Topics 1-4)

Chemistry

Paper 1 (Topics 1-5)

Physics

Paper 1 (Topics 1-4)

How is your grade calculated?

Combined Science (H and F)

- 3 papers
- 1hr 15mins each
- 70 marks per paper
- Your score out of 210 will determine your grades

Separate Science

- 1 paper per science
- 1hr 45 mins each
- 100 marks per paper
- Your score on each paper will determine each of your 3 grades

Required practicals

- Students can practice these using the simulation software (Focus Learning)
- <http://www.focuselearning.co.uk/u/4520/pEDFBgoArrsDglviBcAhlwoChiBflmzAk>
- There are a small number that will be included in each paper
- Students may be asked to describe the method, how to analyse the data or where mistake might have occurred amongst other points, so they really need to know them very well

Introduction



AQA

Combined science



Preparation of copper sulfate

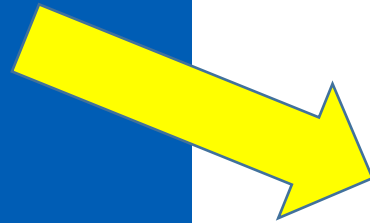
Rates of reaction

Separation techniques

Electrolysis

Temperature changes during neutralisation

Water purification



Biology Required Practicals



Chemistry Required Practicals



Physics Required Practicals

Chromatography

Distillation

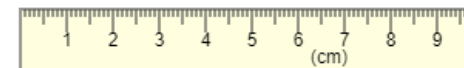
Chromatography

Step 1.

Draw a horizontal line across the paper near the bottom.



chromatography paper or filter paper



1

2

3

4

▶

◀



Experiment

Video

How to revise science – make it active and break it down!

- There are a lot of facts to remember for the science papers
- Flashcards are a good place to start
- Key idea or word on one side – definition on the other
- Keep testing yourself or ask someone else to test you (even better)
- Students then need to put the knowledge into action – this should be done by completing past paper questions which are available on Teams
- The papers cover a huge breadth of content – make sure you have done a little bit of everything!

How to revise science

< All teams

W
Yr10

WVCC Yr10 22-23 Homework & ...

Home page
Class Notebook
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Grades
Reflect
Insights

Channels

General
Art
English
Maths - Higher

Science Posts Files Notes +

+ New Upload Share Copy link

Science

○ || Name

- Archive
- Combined Science
- Exam Briefing
- Past papers
- Separate Science
- AQA _ Command words.pdf
- B1. Cell Biology Knowledge Organis
- B2. Organasation Knowledge Orgar

- Combined Science key knowledge
- Checklist CS AQA Biology Paper 1.docx
- Checklist CS AQA Chemistry Paper 1.docx
- Checklist CS AQA Physics Paper 1.docx
- Revision-sheets-COMB (Chemistry).pdf

○ || Name

- 1. AQA Knowledge Mat GCSE - Atomic structure and the periodic table 2.pptx
- 1. AQA Knowledge Mat GCSE Atomic structure and the periodic table 1.pptx
- Atomic structure and the periodic table_GraspIT ANSWERS Combined.docx
- Atomic structure and the periodic table_GraspIT WRITE ON Combined.docx
- Atomic structure and the periodic table_KnowIT - Combined.pptx

Atomic structure and the periodic table

Atoms, elements, compounds and mixtures

- Atoms, elements and compounds
- Word and symbol equations
- Separation techniques

Atomic model

- History of the atomic model
- Size and mass of atoms
- Atomic structure

Periodic table

- History of the periodic table
- Group 0, group 1 and group 7



Elements are made of only one type of atom. Each element has its own **symbol**.
e.g., Na is sodium.

The components of a compound **cannot** be **separated** by **physical** means. They can be separated only by **chemical** means.

1	2																	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	5
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- Know the names and symbols for the first 20 elements and all of group 1, 7 and 0
- Name compounds when given the formulae or symbol equations

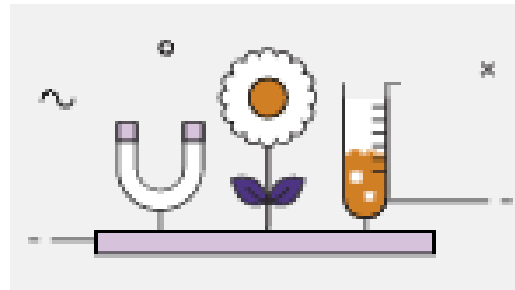


1. Around how many different types of element are there in the periodic table?
2. Why is it useful to have symbols for atoms of different elements?
3. What is the difference between an element and a compound?
4. Explain why it is difficult to separate a compound, compared to an element.

1. Around how many different types of elements are there in the periodic table?
100
2. Why is it useful to have symbols for atoms of different elements?
When elements join to form a compound, it tells you how many atoms there are
3. What is the difference between an element and a compound?
Elements contain one type of atom and compounds contain more than one type
4. Explain why it is difficult to separate a compound, compared to an element.
A compound's elements are chemically joined together

Where to go to for more help

- Seneca <https://senecalearning.com/en-GB/>
- [GCSE Revision Help and Study Tools - 146,780 GCSE resources \(getrevising.co.uk\)](https://www.getrevising.co.uk/)
- Purchase a CGP revision guide & workbook– available for all pathways
- BBC bitesize – Separate science (biology, chemistry, physics single science)
- Combined Science



Combined Science



AQA Trilogy

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Planning Revision

Weekly Revision Timetable

Name: _____

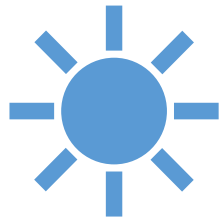
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Day	P1 8:50 – 10:30	P2 10:55 – 12:35	P3 1:05 – 2:45	P4 3:00 – 4:00 <small>(revision/Intervention)</small>	4:00 – 5:00 <small>Travelling home and downtime</small>	5:00 – 6:00	6:00 – 7:30 <small>Homework</small>	7:30 – 8:00 <small>Revision</small>	8:30 – 9:00 <small>Revision</small>	9:00 – 10:00
Monday										
Tuesday	School Day									
Wednesday										
Thursday										
Friday										
Saturday										
Sunday										

***Remember: make sure you give yourself breaks and allow time to relax and do the things you want to do and enjoy doing.

We make the biggest difference if we work together

Night Before the Exam



Light revision the night before



Check equipment



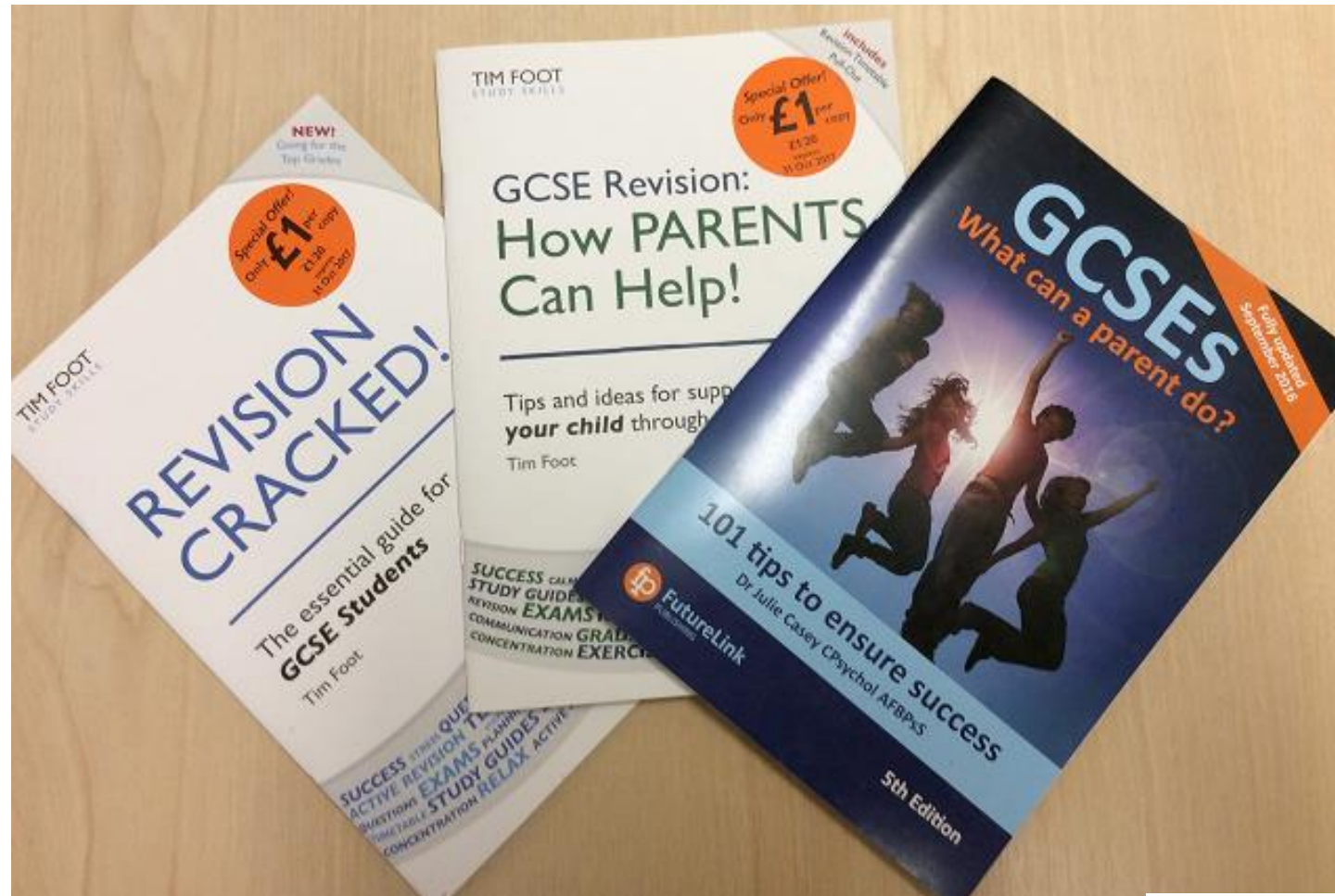
Check time of exam



Be prepared for them to be
grumpy/ier – make
allowances

We make the biggest difference if we work together

Tim Foot Publications and FutureLink Publications



We make the biggest difference if we work together

- **Input exam board for subjects**
- **Organises timetable**
- **Orders into topics**
- **Sets revision resources**



Adapt - Revision Timetable 4+

A-level & GCSE Study Planner

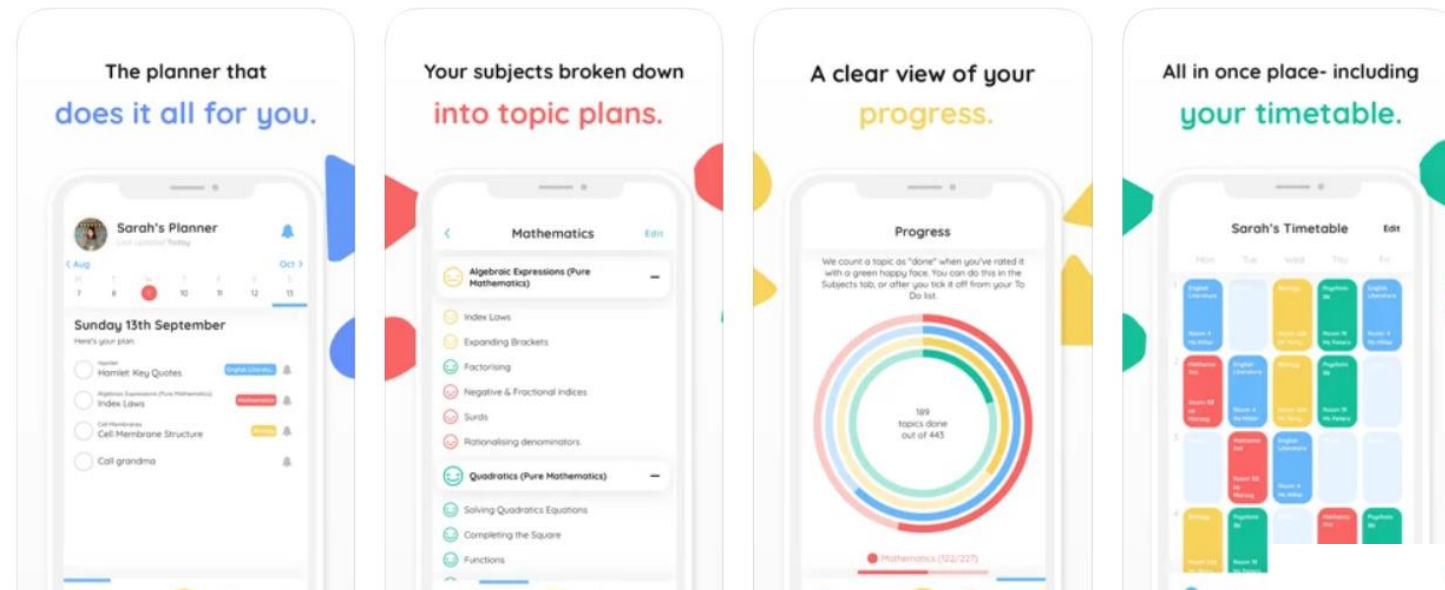
[Adapt App](#)

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Questions

